March 4, 1958 J. E. FERNLY 2,825,467

ATTACHMENT FOR SUN VISOR OR THE LIKE

Filed June 22, 1953

Fig. 1

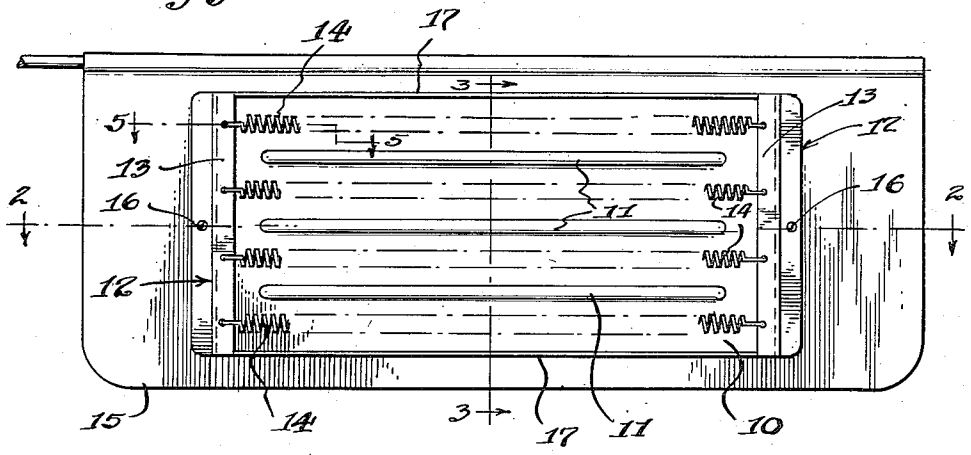


Fig. 2

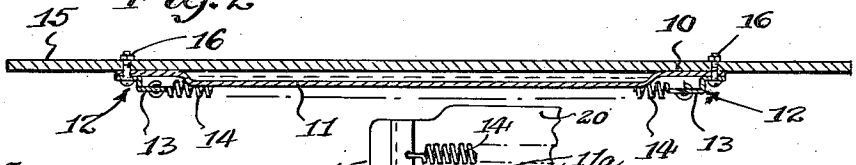


Fig. 3

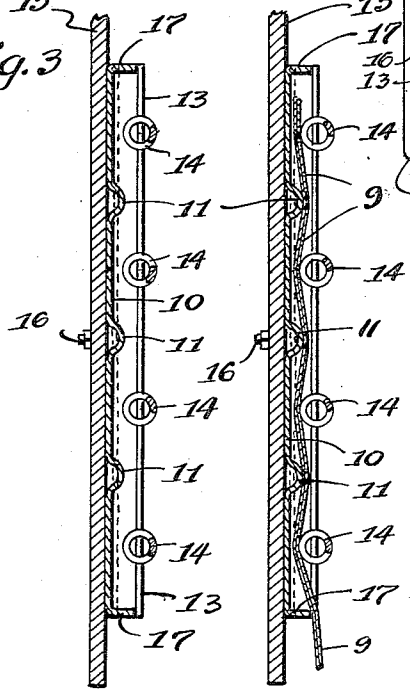


Fig. 4

Fig. 7

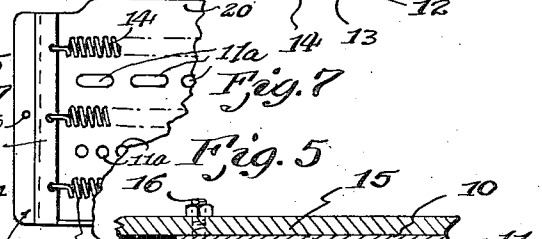


Fig. 5

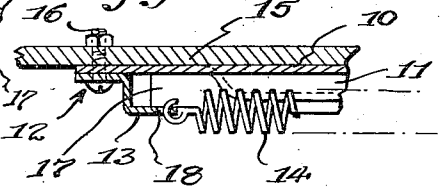
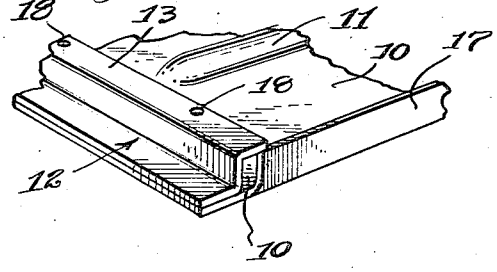


Fig. 6



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ATTACHMENT FOR SUN VISOR OR THE LIKE

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Application June 22, 1953, Serial No. 363,015

2 Claims. (Cl. 211—89)

My invention relates to an automobile sun visor attachment, and more particularly to a card or paper holder attachment equipped to tightly hold one or more cards or papers in position to be readily available.

Many such devices now available to the public if made to hold a single sheet or card, are not satisfactory when holding a stack of papers and usually when generally used for holding a stack of papers or cards, they become in time quite incapable of securing a single card or paper. Some such holders comprise pockets and such are of little use to the general public because cards and papers are inserted in said pockets with a great deal of effort. Other types comprising a snap spring or elastic band, if constructed strong enough to securely hold a card or paper, exert a strong pull on the sun visor tending to warp or distort same.

It is an object of my present invention to provide a card or paper holder, suitably constructed to securely hold in place one or more cards or papers, such as report blanks, essential papers or maps, to overcome the many difficulties had with other types of holders now available on the market.

To this end, it is specifically an object of my invention to provide an improved holder attachment for a sun visor or the like by constructing one which is arranged to grip the card or papers by an interlocking yielding grip so that said card or papers are not readily accidentally released, but which is quite readily manipulated to quickly secure or disengage said card or papers from the holder.

More particularly it is an object of my present invention to construct an improved card and paper holder for attachment to the sun visor of an automobile by providing the holder with means which securely hold said card and papers by an interlacing locking arrangement permitting the ready insertion and removal of the card and/or papers therefrom.

Still another object of my invention is to construct an improved holder for attachment to the sun visor of an automobile by providing a stiffened back plate for the holder assembly which absorbs all longitudinal strain of the resilient coil spring retainers, thereby avoiding stressing the visor.

For a more detailed understanding of my invention, reference may be had to the accompanying drawing illustrating a preferred embodiment thereof in which like reference characters refer to like parts throughout the several views, and in which

Fig. 1 is a plan elevational view of the card and paper holder attached to a sun visor of an automobile.

Fig. 2 is a longitudinal sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a transverse sectional view thereof taken on the line 3—3 of Fig. 1.

Fig. 4 is a transverse sectional view similar to Fig. 3, and showing some papers in cross section, secured therein.

Fig. 5 is a detail sectional view taken on the line 5—5 of Fig. 1;

Fig. 6 is a fragmentary detail perspective view of one corner of the holder assembly; and

Fig. 7 is an elevational view of a modified holder construction.

The holder assembly for cards and papers illustrated in the accompanying drawing, comprises an elongated base or backing plate 10 provided with rounded embossed ribs 11 extending longitudinally of the plate, and angle bracket members 12 disposed at each end of said plate. Preferably these angle bracket members are spot welded or otherwise suitably secured to the plate. Each angle bracket is provided with an inwardly extending flange or ear 13 extending substantially parallel with and spaced from the plate 10.

Resilient members 14 connect these ears and are supported in a taut position parallel with the plate. Preferably a plurality of such resilient members 14 are provided, they being preferably substantially equally spaced. Preferably these resilient members 14 comprise long coil springs and it will be noted that said elongated embossed ribs 11 are disposed to lie in between adjacent resilient members 14 (see Figs. 1 and 3), and the height of said ribs is such as to slightly overlap the coil springs 14; in other words, the said springs slightly project into the valley intermediate said ribs. Said ribs or embossed humps may be continuous as shown in the preferred construction illustrated in Figs. 1 and 2 or formed of a series of embossed rounded bumps 11*a* illustrated in Fig. 7, both said forms of Figs. 1 and 7 comprising longitudinally extending rib structures.

When a card or one or more papers 9 are to be inserted into the holder assembly, one way to quickly insert same is to pull out the resilient members 14, insert the card or papers and release the resilient members, which will seek the taut position and bear against the card or papers (see Fig. 4). Because of the overlapping relation of said ribs and springs, the papers or card is interlaced therebetween, and more or less interlocked in place, same being so securely held in place by such means that they are not easily slipped out. To release the card and/or papers from the holder, the resilient members are pulled out of engagement therewith allowing said card and/or papers to be readily removed.

This holder assembly is preferably secured to the sun visor 15 of an automobile by bolts 16 or other suitable fastening means. The plate 10 is sufficiently strengthened or stiffened by said ribs 11 to prevent same being bent or distorted out of place by the force exerted by said resilient members 14. Said plate is further stiffened by the outwardly turned flanges 17 preferably extending along the long upper and lower edges or the elongated plate structure. If desired, the lower edge only may be provided with a stiffening flange 17, the upper edge being formed with an extended apron 20 to facilitate slipping a card or paper into the holder, as shown in Fig. 7. The stiffened plate takes all the stresses exerted by said resilient members or springs 14, thereby lessening the tendency of said springs to bend or distort the sun visor to which said holder assembly is attached.

While said brackets 12 are preferably permanently secured to the back plate 10, it will be obvious that the bolts or fastening means 16 can serve as the sole means for securing the brackets to the plate if so desired. The springs or resilient members 14 are preferably anchored at each end to the inwardly extending flanges 13 or ears of said brackets by attaching the ends thereof to perforations or holes 18 formed in these flanges or ears 13.

Although I have described but one preferred embodiment of my invention, it will be apparent to those skilled in the art to which my invention pertains, that various

modifications and changes may be made therein without departing from the spirit of the invention or from the scope of the appended claims.

I claim:

1. A card or paper holder for attachment to an automobile sun visor and other supports, comprising an elongated base plate structure having raised rounded plate stiffening ribs extending longitudinally of said elongated plate structure, bracket members secured to each end of said plate structure and each having an ear portion offset with respect to the plane of the plate structure, a plurality of resilient coiled spring members anchored at each end to the ears carried by said brackets and disposed to lie in between said raised rounded ribs, said spring members being supported in taut position under longitudinal tension in spaced relation with respect to the face of said base plate structure and disposed in partially overlapping relation with respect to said raised ribs to frictionally engage the card or paper interlaced between said ribs and spring members, said ribs extending substantially the length of said spring members and means detachably securing said holder assembly to the automobile sun visor or said other support.

2. A card or paper holder for attachment to an automobile sun visor and other supports, comprising an elongated base plate structure having raised rounded plate stiffening ribs extending longitudinally of said elongated plate structure, bracket members secured to each end of

said plate structure and each having an ear portion offset with respect to the plane of the plate structure, and a plurality of resilient coiled spring members anchored at each end to the ears carried by said brackets and disposed to lie in between said raised rounded ribs, said spring members being supported in taut position under longitudinal tension in spaced relation with respect to the face of said base plate structure and disposed in partially overlapping relation with respect to said raised ribs to frictionally engage the card or paper interlaced between said ribs and spring members, said ribs extending substantially the length of said spring members, said base plate having an outwardly turned stiffening flange extending along one of the long edges, said other long edge having an extended apron portion disposed substantially in the plane of the plate structure.

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